Vaporetto Lecoaspira

TURBO & ALLERGY

INNOVATIVE BY NATURE.

Fig. 1

Fig. 2

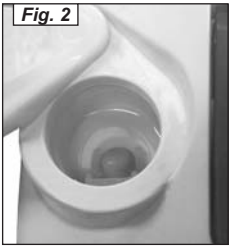


Fig. 3

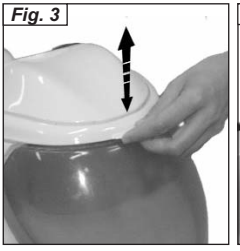


Fig. 4

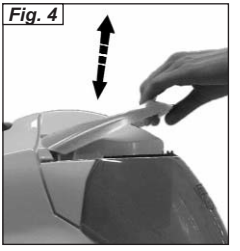
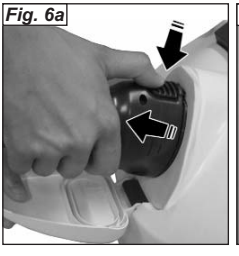


Fig. 5

Fig. 6

Fig. 6a



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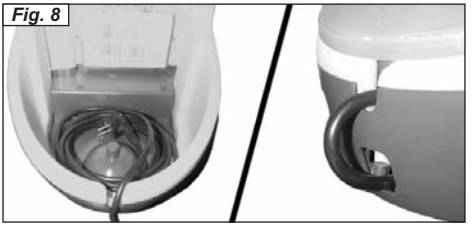

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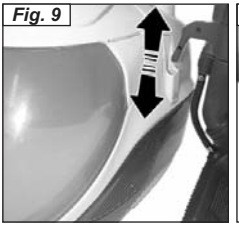
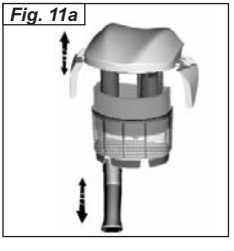


Fig. 10

Fig. 11a



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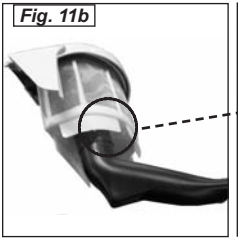

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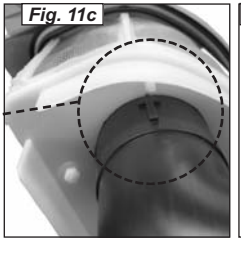

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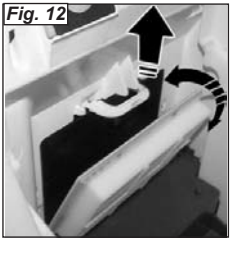


Fig. A1

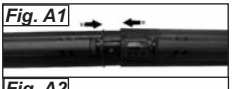
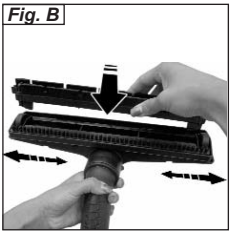


Fig. A2

Fig. A3

Fig. B



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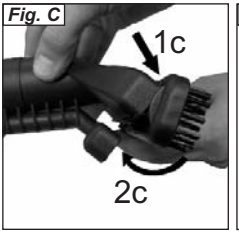

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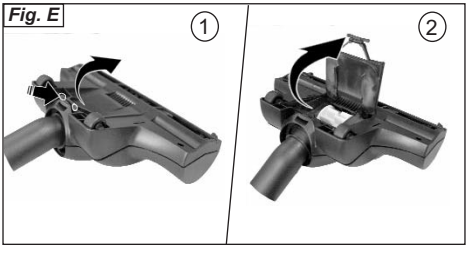

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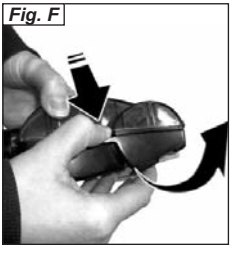
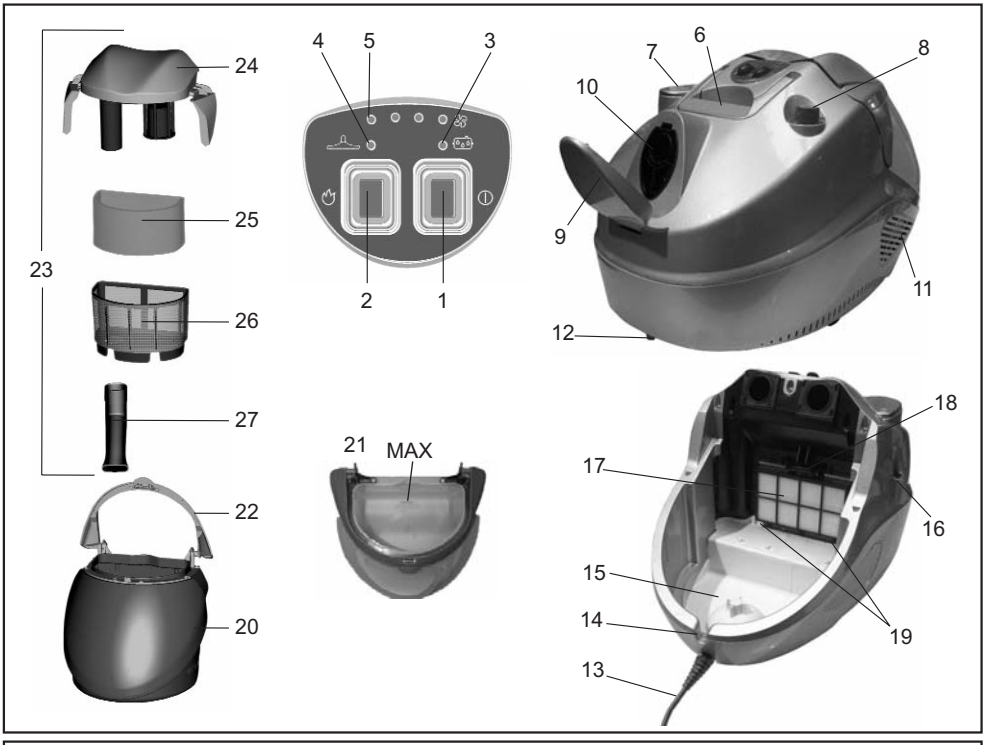


Fig. G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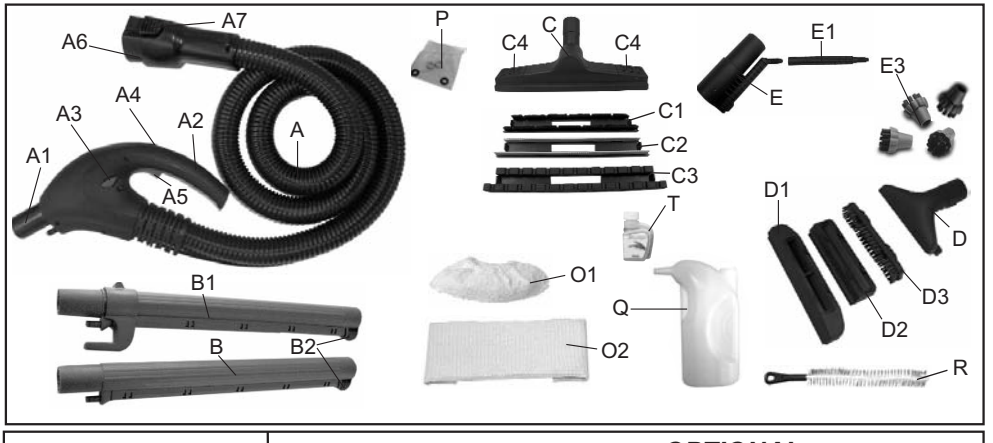
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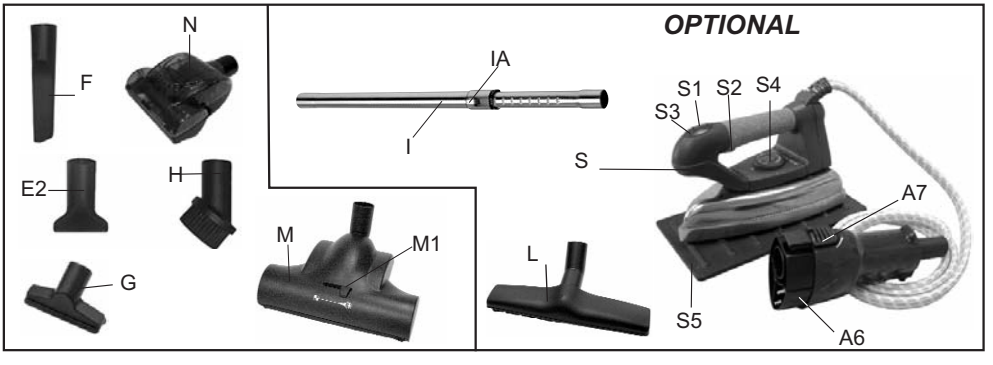
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KEY

1) Main switch
2) Boiler switch
3) "Out of water" indicator lamp
4) Pressure indicator lamp
5) Suction UP indicator lamps
6) Carrying handle
7) Sealing cap of the self-filling tank
8) Steam control knob
9) Flap of the built-in socket
10) Built-in socket
11) Air outlet grill
12) Pivoting wheels
13) Power supply cable
14) Supply cable canal
15) Supply cable storage
16) Accessories holder
17) Hepa filter
18) Unhooking lever for Hepa filter
19) Hepa filter holders
20) Dirt container
21) MAX level
22) Dirt container handle
23) "Eco-Active" water filter assembly
24) "Eco-Active" water filter assembly cover
25) Shaped filtering sponge
26) Filter body with microholed net
27) Elbow tube

SUCTION - STEAM ACCESSORIES

A) Flexible steam+suction hose
A1) Fitting for connecting accessories
A2) Handle
A3) Safety button
A4) Suction button
A5) Steam button
A6) Monobloc plug
A7) Locking button of the monobloc plug
B) Steam+suction extension tube
B1) Steam+suction extension tube with parking
B2)Accessory locknut
C)Universal brush
C1) Bristle insert for universal brush
C2) Rubber insert for universal brush
C3) Rigid insert for universal brush
C4) Slides for locking fittings into place
D) Steam+suction nozzle
D1) 200 mm window cleaning insert for stem+suction nozzle
D2) 130 mm window cleaning insert for steam+suction nozzle
D3) Bristle insert for steam+suction nozzle
E) 120° steam+suction accessory
E1) Steam lance
E3) Coloured brushes for 120° steam+suction accessory
O1) Terry cloth
O2) Cloth
P) Spare gaskets
Q) Filler bottle
R) Tank cleaning brush

SUCTION ACCESSORIES

E2) Small suction nozzle
F) Suction lance
G) Upholstery suction nozzle
H) Suction brush with soft bristles
M) Turbo-brush
M1) Surface type selector
N) Mini turbo-brush
T) Biecologico

OPTIONAL ACCESSORIES

I) Telescopic suction tube
IA) Telescopic tube release button
L) Parquet brush
S) Professional iron
S1) Continuous steam button
S2) Steam request button
S3)" Iron heating" indicator light
S4) Temperature adjustment knob
S5) Iron rest mat

N.B. *- For easy identification, accessories are marked by the reference specified in this table.*

Read these instructions carefully before using the appliance.

Dear Customer,
Thank you for purchasing our product.

By choosing Vaporetto Lecoaspira, you will have a complete appliance for cleaning your home, capable of vacuuming solids and liquids, sanitising with steam, drying and eliminating dust mites and allergens. You can decide, depending on your needs, whether to use the steam and suction together for complete cleaning, just the suction to effectively collect dust or just the steam for specific cleaning tasks.

The suction feature:
The heart of the filtration system is represented by the exclusive "Eco-Active" water filter, patented by Polti. The "Eco-Active" water filter uses the natural purifying force of water to trap dirt, preventing dispersion of dust into the environment. In addition, the HEPA filter collects impurities including pollen as well as dust mites.

The steam feature:
The Lecoaspira steam is dry and powerful. Thanks to the heat, it removes and dissolves dirt eliminating grease, germs and dust mites. The sanitising force of steam is completely natural and has a cleaning power that even the most modern chemical detergents cannot equal.

You can find useful suggestions on our website www.polti.com to take full advantage of all the features of your Lecoaspira. Please consult the "Guide for a Healthy and Clean Home" found on the home page of the website.

We hope you enjoy your Polti product.

CE *This unit conforms with EC-directives 2004/108/CE (EMC) and 2006/95/CE (low voltage).*

Polti S.p.A. reserves the right to change equipment or accessory specification without prior notice.

PRECAUTIONS

KEEP THESE INSTRUCTIONS

Read these instructions carefully before using the appliance.
Any use which does not comply with these instructions will invalidate the warranty.

SAFETY WARNINGS

Risk of electric shock and/or short circuit:

- The wiring system to which the appliance is connected must always comply with the laws in force.
- Before connecting the appliance, make sure that the mains voltage is the same as the voltage indicated on the data label of the appliance and that the power outlet is connected to earth.
- Always turn off the appliance at the on/off switch before unplugging it.
- If the appliance is left unused, disconnect it from the mains. Never leave the appliance unattended with the cable plugged into the mains.
- Always make sure the appliance is unplugged before performing maintenance work of any kind.
- Do not pull the power cable out of the socket, but grasp the plug itself to avoid damage to the socket.
- Do not allow the power cable to be twisted, crushed, stretched, or come into contact with sharp or hot surfaces.
- Do not use the appliance if the power cable or other important parts of the appliance are damaged. Instead, contact an authorised service centre.
- Do not use electric extension leads that are not authorized by the manufacturer, as they may cause damage or fire.
- Never touch the appliance with wet hands or feet with the cable plugged into the mains.
- Do not use the appliance when barefoot.
- Do not use the appliance near washbasins, bathtubs, showers or containers full of water.
- Never immerse the appliance, the cable or the plugs in water or another liquid.
- Do not direct the steam jet at live electrical and/or electronic equipment or at the appliance itself.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

SAFETY WARNINGS:

Risk of injuries and/or burns when using the appliance:

- Use of the appliance in places where there is a danger of explosions is prohibited.
- Do not use the product with toxic substances.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

**WARNING: High temperature.
Danger of burns!
Do not touch the parts indicated on the product.**

- In case of accidental fall of the appliance it is necessary to have it checked by an authorized Service

Centre as the internal safety features may have been affected.
- In case of breakdown or malfunction switch off the appliance and never attempt to disassemble it, but refer to an authorized Polti Service Centre.
- This appliance is equipped with safety devices which are to be replaced only by a suitably qualified technician.
- Before cleaning or storing the appliance, always first ensure that the appliance has cooled down completely.
- Do not direct the steam jet at people, animals or debris.
- High-pressure jets can be dangerous if used improperly.
- Do not direct the steam jet at people, live electrical equipment or the appliance itself.
- Never place your hands inside the jet of steam.

ATTENTION:
Danger of burns!

- While refilling with water, switch off and disconnect the appliance from the mains.
- Do not use if the appliance has been dropped, has visible signs of damage or leaks.
- Do not use the appliance to suck up acids or solvents, as these might cause serious damage to the appliance and above all do not suck up explosive dust or liquids, as these could cause explosions on coming into contact with the inside components of the appliance.
- Do not suck up toxic substances.
- Do not suck up burning or incandescent objects such as embers, ash or other material in which combustion is taking place.
- If ironing whilst sitting down, take care to ensure that the jet of steam is not angled towards your legs. Steam can scald.
- Before connecting the appliance to the current, ensure that the continuous steam jet button is not pressed.
- Never leave the iron unattended when it is plugged in.

SAFETY WARNINGS
using the appliance:

- By nature, water contains magnesium, mineral salts and other deposits that favour the formation of scale. To prevent these deposits from causing damage to the appliance, use KALSTOP FP 2003, a special natural descaling agent that removes scale. This allows avoiding scale formation and protecting the metal walls of the boiler. KALSTOP FP 2003 can be found in small appliance stores and Polti service centres. Alternatively, use a 50/50 mixture of tap water and demineralised water.
- Never use distilled water or scented water.
- Do not put any detergent or chemical substance in the boiler.
- **We recommend you use original Polti products only, as products of other brands may not be suitable for use in Polti products and could cause damage.**
- Never leave the appliance exposed to the weather.
- Do not place the appliance near a live element, an electric stove or any other source of heat.
- Do not expose the appliance to temperatures unde 32°F (0 °C) e superiori ai 104°F (40 °C).
- Press the buttons only with a finger, without excessive force and avoid using a pointed object such as a pen.
- Do not wind the power cable around the appliance, especially when the appliance is still hot.

- To avoid prejudicing the safety of the appliance when repairing or replacing accessories, use only original spare parts.
- Let the appliance cool down before cleaning it.
- Before storing the appliance make sure that it has completely cooled down.
- The water container can be filled with tap water.
- Do not suck up materials such as cement, chalk etc. which solidify once they come in contact with water thus damaging the appliance.
- It is necessary to keep the unit in horizontal position during operation.
- Always rest the appliance on a stable surface.
- Iron only on supports that are heat resistant and which allow the steam to permeate.
- If the iron rest mat needs to be replaced, only use original spare parts.
- The iron must be used and rested on a stable surface.
- When placing the iron on its stand, make sure that the surface on which the stand is placed, is stable.
- Do not place the hot appliance on heat-sensitive surfaces.

CORRECT USE OF THE PRODUCT

This appliance is intended for home use as a generator of steam and as a vacuum of liquids, dust and dirt in accordance with the instructions provided in this manual. Please read these instructions carefully and keep them, as you may find them useful in future.

Polti S.p.A. declines all liability for any damage or accident deriving from any use of this appliance which is not in conformity with the instructions contained in this booklet.

ATTENTION

Directive 2002/96/EC (Waste Electrical and Electronic Equipment - WEEE): information for users
This product complies with EU Directive 2002/96/EC.

The crossed-out wastebasket symbol on the appliance means that at the end of its useful lifespan, the product must be disposed of separately from ordinary household wastes.

The user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan.
Appropriate separate collection to permit recycling, treatment and environmentally compatible disposal helps to prevent negative impact on the environment and human health and promotes the recycling of the materials making up the product. For more information on available collection facilities, contact your local waste collection service or the shop where you bought this appliance

Lecoaspira Turbo & Allergy is a multi-function appliance which, depending on the need and type of cleaning you want to do, can be used:

- Just as a vacuum to remove dust from surfaces. In this case, remember to add water to the dirt collection container (see Paragraph 1 of the “preparing for use”)
- Just as a steam cleaner to sanitise surfaces. For this feature, the container must be filled with water to supply the boiler (see Paragraph 2 of the “preparing for use”)
- To use the suction and steam features at the same time to vacuum, wash and dry at the same time. Naturally, in this case both the dirt collection container and the tank must be filled.

PREPARING FOR USE

1) IF YOU HAVE TO VACUUM:

1.A) FILL THE DIRT COLLECTION CONTAINER/FILTER WITH WATER

Lift the handle (**22**) of the dirt collection container (**20**) (fig. 3). Remove the container (**20**) dfrom its housing , turn the handle (**22**) of the container backwards (fig. 4) in order to remove the “Eco-Active” filter assembly (**23**). Fill the container with about 1,2 L of plain tap water up to the MAX indicator (**21**).
You can also add Bioecologico, the natural, anti-foam liquid and deodorant to the container which, in addition to filling the room with a pleasant perfume, prevents the formation of foam in the water filter, guaranteeing the correct operation of the appliance. (For more detailed information please refer to the specific paragraph).
Replace the filter assembly (**23**) in the dirt container (**20**) returning it to its original position. Reposition the dirt container (**20**) in the specific space and turn the handle until it returns to its starting position.

1.B) WATER REPLACEMENT DURING USE

Dust, solids or liquids can be vacuumed equally with this product.
When the dirt sucked into the water container (**20**) reaches the maximum allowed level, suction will be automatically blocked by the special safety float. This can also occur when the water in the container is very dirty. In these cases, there will be an increase in the motor speed. When this occurs, the water must be replaced in the container.
Turn off the appliance and only restart it when the level of the water in the container has been restored as described in the chapter “Emptying and cleaning the dirt container.”
Any immediate restarting when the appliance has gone into pause mode can damage the air outlet filter.

2) IF YOU NEED TO USE THE STEAM FEATURE:

2.A) FILLING THE TANK

Turn the cap of the tank outwards **(7)** (fig. 1). Fill the self-filling tank with approx. 19 fl. oz. (560 cc) – in any case to above the maximum level of the float (Fig. 2) – of normal water using the filler bottle **(Q)**.
N.B. Ordinary tap water may also be used. However, since water contains limestone by nature, which may cause scaling in the long run, we recommend using a mixture of 50% tap water and 50% demineralised water. To use tap water only and avoid scale formation, we recommend the addition of the special natural scale removal agent KALSTOP FP 2003.
Do not use only demineralized water but mix it as described above with tap water.
We recommend you use original Polti products only, as products of other brands may not be suitable for use in Polti products and could cause unwelcome difficulties. Never use distilled water or scented water.

2.B) FILLING THE BOILER DURING USE

Thanks to the self-filling system, it is no longer necessary to stop and wait before refilling the boiler with water.

When the water in the boiler is at the minimum level, the level sensor automatically draws off water from the tank by means of a pump which fills the boiler. When the water in the self-filling tank runs out, the “Out of water” indicator lamp **(3)** will light up and a buzzer will sound.

To continue working, just follow the indications in the paragraph "Preparing for use".

3) SWITCHING ON

Open the monoblock socket door (**9**), insert the monobloc plug (**A6**) of the flexible hose (**A**) pushing it until you hear the click of the hooking mechanism (**A7**) (Fig. 6-6a).

Connect the power plug to a suitable electric socket.

N.B. The handle of the flexible hose **(A2)** is fitted with a safety button **(A3)** to prevent the accidental activation of steam delivery by children or people who do not know how it works. Should the appliance be left momentarily unguarded, move the safety button **(A3)** to the off position. To continue steam delivery, move the switch back to its original position.

4) HOW TO USE

Lecoaspira Turbo & Allergy can operate in the following modes:
SUCTION ONLY, STEAM ONLY, SUCTION + STEAM

If the appliance is switched off: Switch it on by pressing the main switch **(1)**: the first level of the suction indicators **(5)** will begin to flash.

4.1) VACUUM ONLY MODE

By simply pressing the button **(A4)** on the handle **(A2)**, you can begin to vacuum at the lowest speed: the first level of the indicator light **(5)** will stop flashing and will remain on. Keeping the button **(A4)** pressed, you can select the suction power according to the type of surface you are cleaning.

When the suction power is increased, an indicator light **(5)** will come on. When the suction power is decreased, the indicator light **(5)** will go off.

The suction function can be adjusted to 4 levels of strength, for cleaning:
- level 1: curtains
- level 2: sofas and cushions
- level 3: carpets
- level 4: bare floors or to clean up liquids

To stop suction, simple press the button **(A4)**. Suction will stop.

N.B. When the appliance is switched on again, the suction level will be that set last time it was used.

4.2) STEAM ONLY MODE

Press the boiler button **(2)**, which will light up. Wait for the pressure indicator lamp **(4)** to come on.

This indicates that the appliance is ready for use.
By pressing the steam button **(A5)** on the handle you can dispense steam. To stop the steam flow, simply release the button **(A5)**.
If you decide you no longer wish to use the steam, you can switch off the boiler by pressing the relative button **(2)**.
You can optimise the steam flow by means of the steam control knob **(8)** on the handle (Fig. 7).
To increase the flow, turn the regulator control clockwise. Turn the control anticlockwise to reduce the flow.

- Strong steam: to remove scale, stains, grease and sanitise;
- Normal steam: for carpets, rugs, glass, floors;
- Gentle steam: to steam plants, clean delicate fabrics, wall coverings, sofas, etc..

N.B. When first operating it, there may be some drops of water mixed with the steam due to imperfect thermal stabilization. We therefore recommend that the first jet of steam be directed onto a rag.

4.3) STEAM + SUCTION MODE
You can use the steam and suction features at the same time, by activating them both as described in the preceding paragraphs (4.1 and 4.2).

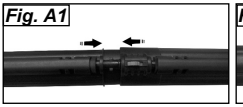
5) CONNECTING THE ACCESSORIES

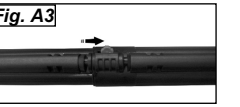
5.1) STEAM + SUCTION EXTENSION TUBES
To connect the two extension tubes together (**B**) and (**B1**) it is important to pay attention to the direction indicated by the arrows. The appliance is in fact equipped with a parking system on which it is possible, when you have finished using them, to replace the extension tube accessory (**B1**). Incorrect assembly of the two parts, (**B**) and (**B1**), will not allow this feature to be used.
Hook both extension tubes (**B)** and (**B1)** to the connecting accessories **(A1)** of the flexible hose **(A)**.

5.2) USE OF THE ACCESSORIES STORAGE
The accessories storage (**16**) allows you to fasten the tube (**B1**) with or without the brush assembled onto the appliance body.
To connect the tube (**B1**) to the appliance, slide the hook located on the tube into the accessories storage on the appliance (Fig. 9).

5.3) CONNECTING THE ACCESSORIES
All the Lecoaspira accessories can be connected directly to the connecting accessories **(A1)** or to the extension tubes **(B)** or **(B1)**, previously assembled (see paragraph 5.1).
To connect the specific accessories for the suction and steam features **(B-B1-C-D-E)**: proceed as follows:
- Move the locknut **(B2)** of the accessory, if present, to the OPEN position (Fig.A1).
- Attach the desired accessory to the handle.
- Move the locknut **(B2)** of the accessory to the CLOSED position (Fig. A2)
- Check that it is firmly connected.
- There is also a lock button on the steam-suction extension tubes

- **B** and **B1**: proceed as above for the accessories, releasing the tubes by sliding the button as far as the lock position (fig. A3).



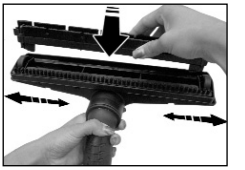


- To connect the special accessories only for suction (**E2-F-G-H-L-M-N**) it is only necessary to attach them without coupling them to the locknut.

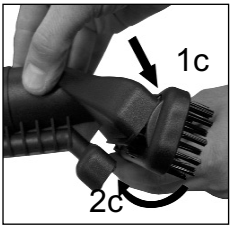
To connect the steam lance **(E1)** with the 120° accessory **(E)**, just screw it on. The same operation can be carried out for the coloured brushes **(E3)**, which can in turn be screwed onto the 120° accessory **(E)** and onto the steam lance **(E1)**. The different colours allow you to always use the same brush for the same surface.
Warning: In this case, the steam function must be disabled by pressing the safety button **(A3)** to prevent the accidental release of steam.

5.4) FITTING INSERTS

To fit the inserts on the universal brush **(C)**:
To fit the insert **(C1 - C2 - C3)**, move outwards the two slides **(C4)** on the back of the brush. Fit the insert into the lower part of the brush and block it by moving the slides **(C4)** inwards.



To fit the inserts on the steam-suction nozzle **(D)**:
To fit the insert **(D1 - D2 - D3)**, first insert the external side **(1c)**, then turn it until it clicks into place **(2c)**.



A1) HARD FLOORS (MARBLE, GRANITE, TILE)

ACCESSORIES TO BE USED: extension tubes (**B**-**B1**), universal brush (**C**) with inserts, as per the following table:

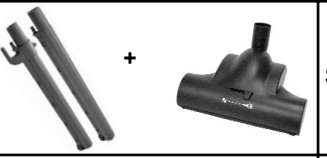
ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Extension tubes + universal brush + bristle insert	(B + B1) + C + C1		Vacuuming dust
Extension tubes + universal brush + rubber insert	(B + B1) + C + C2		Liquid aspiration; steam flow and floor drying

VACUUM FUNCTION vacuum up dust and liquids or effectively remove animal hair
Press the suction button **(A4)** to begin vacuuming. Adjust suction to level 4 (see paragraph 4.1) to vacuum up dust or liquid. To stop suction, just press the button **(A4).**
STEAM AND VACUUM FUNCTION Wash and vacuum even the dirtiest floors. This function enables the sanitisation of all types of hard flooring, such as marble, granite and ceramic.
N.B. Before steaming surfaces, we recommend vacuuming up any hair or dust, using the vacuum only function.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button (A4) to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. If the floor is not very dirty, you can activate steam and vacuum together, to wash and dry at the same time.

A2) CARPETING/RUGS

N.B. Before treating delicate fabrics with steam, consult the manufacturer's instructions and always carry out a test on a hidden part or on a sample of the material. Allow the steamed part to dry to make sure that no changes in colour or deformations have occurred.

CCESSORIES TO BE USED: extension tubes (**B**-**B1**), turbo-brush **(M**), universal brush (**C)** with inserts, as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Extension tubes + turbo-brush	(B + B1) + M		Suction*
Extension tubes + universal brush + rigid insert	(B + B1) + C + C3		Suction / steam delivery

* To clean carpets, use the turbo-brush **(M)**: a turbine system increases effectiveness and efficiency when vacuuming fabric surfaces.
The use of the turbo-brush on carpets revives the fibres thanks to the brushing action of the roller, which opens the fibres, allowing for deep cleansing.
The mechanical rotary action of the turbo brush is ideal for removing animal hair from hard surfaces, rugs and carpets, even shag carpets.
The turbo brush can be used as a traditional brush on hard surfaces since it has a by-pass system which diverts the air flow directly to the suction pipe.

Use: A cursor on the back of the turbo brush permits you to adapt it to any kind of surface: slide the cursor (**M1**) to the left for hard surfaces, and slide it to the right for carpets and fitted carpeting. The cursor adjusts the speed of the turbine system: when it is moved completely to the right, the turbine works at the maximum rotation speed, while when it is moved completely to the left there is no rotation and the brush operates as a normal floor brush.
The turbine can be easily accessed for cleaning thanks to the practical flap (fig.E).
If using the turbo brush on shag carpets and/or when you want the brush roller to move faster, you may remove the rubber profile from the front of the brush (fig.D)

CARPETING/RUGS
VACUUM FUNCTION To vacuum up dust and animal hair.
Press the suction button **(A4)** to begin vacuuming. Adjust suction to level 3 (see paragraph 4.1) to vacuum up dust or liquid. To stop suction, just press the button **(A4)**.
STEAM-VACUUM FUNCTION To wash, vacuum and sanitise carpets and rugs.
N.B. Before steaming surfaces, we recommend vacuuming up any hair or dust, using the vacuum only function.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**.Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).

A3) PARQUET AND TERRACOTTA

N.B. Please pay careful attention when cleaning wooden surfaces and treated terracotta flooring with steam as prolonged use of steam may damage the wax, polish or colour of the surfaces to be cleaned. We therefore recommend dispensing steam on these surfaces only for short periods of time and suggest always using a cloth, avoiding direct steam being dispensed onto the surface. In the case of old or particularly delicate floors, clean with cloth steamed previously, without dispensing steam directly on the surface.

ACCESSORIES TO BE USED: extension tubes (**B**-**B1**), universal brush (**C**) with inserts, as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Extension tubes + universal brush + bristle insert	(B + B1) + C + C1		Vacuuming dust
Extension tubes + universal brush + rubber insert	(B + B1) + C + C2		Vacuuming liquids
Extension tubes + universal brush + rigid insert + cloth	(B + B1) + C + C3 + O2		Steam delivery*

*After fitting the rigid insert, you must cover the universal brush with a cloth.

PARQUET AND TERRACOTTA
VACUUM FUNCTION To vacuum up dirt and dust on parquet/terracotta
Press the suction button **(A4)** to begin vacuuming. Adjust suction to level 3 (see paragraph 4.1) to vacuum up dust or liquid.To stop suction, just press the button **(A4)**.
STEAM-VACUUM FUNCTION To wash the parquet/terracotta
N.B. To prevent steam temperature or pressure from damaging the parquet/terracotta, use the brush with the inserts, always wrapping it in a cloth.
We recommend alternating steam delivery with the activation of the suction function, in order to avoid leaving the parquet/terracotta damp for long periods of time. The steam and suction functions can also be used simultaneously.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. Before steaming surfaces, we recommend vacuuming up any hair or dust, using the vacuum only function.

A4) BATHROOMS/TAPS AND FITTINGS/KITCHEN WORK SURFACES

ACCESSORIES TO BE USED: 120º accessory (**E**) with insert as shown in the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
120º accessory + steam lance + coloured brush + cloth	E+E1 + E3 + O2		Steam delivery* (to reach hidden corners and to remove stubborn dirt)

* To remove dirt in hidden spaces and corners, use the steam lance **(E1)**. Dry the surfaces cleaned, or remove any dirt residues, using the cloth **(O2)** provided.

STEAM FUNCTION To remove deposited scale and grease and polish chrome and similar surfaces.
To clean these surfaces, we recommend using the steam mode alone.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned. To stop the steam flow, simply release the button **(A5)**.Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1). Then use a cloth to dry the surface.

A5) TILE WALLS

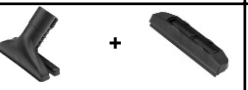
ACCESSORIES TO BE USED: steam + suction nozzle (**D**) with insert as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Steam + suction nozzle and 200 mm window cleaning insert	D + D1		To vacuum and clean large surfaces with steam
Steam + suction nozzle and 130 mm window cleaning insert	D + D2		To vacuum and clean medium-small surfaces with steam

STEAM-VACUUM FUNCTION To dissolve deposited scale, remove grease, polish and remove smears.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. For best results, press the rubber window cleaning fitting against the surface to be dried, moving from the top to the bottom.
N.B.If the surface is very dirty, we recommend vacuuming and washing deep-down, activating both steam and suction simultaneously (therefore pressing button **A5** immediately followed by switch **A4**). This will ensure that surfaces are cleaned and dried in a single trip.

B1) GLASS/MIRRORS/SHOWER CUBICLE

ACCESSORIES TO BE USED: steam + suction nozzle (**D**) with insert as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Steam + suction nozzle and 200 mm window cleaning insert	D + D1		Vacuum/steam cleaning for large surfaces
Steam + suction nozzle and 130 mm window cleaning insert	D + D2		Vacuum/steam cleaning for medium small surfaces

STEAM-VACUUM FUNCTION To dissolve deposited scale, remove grease, polish and remove smears.
To clean glass surfaces in particularly cold seasons, preheat the windows starting from a distance of about 50 cm. from the surface.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned. To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. If the surface is very dirty, we recommend vacuuming and washing deep-down, activating both steam and suction simultaneously (therefore pressing button **(A5)** immediately followed by switch **A4**). This will ensure that surfaces are cleaned and dried in a single trip.
For best results, press the rubber window cleaning fitting against the surface to be dried, moving from the top to the bottom.

B2) REMOVING STAINS FROM CARPETS/UPHOLSTERY

ACCESSORIES TO BE USED: accessory 120° (**E**) as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
120º accessory + cloth	E + O2		Suction/Steam delivery

STEAM-VACUUM FUNCTION To eliminate a specific mark
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. Direct the steam directly onto the mark with the greatest possible angle (never vertically to the surface to be treated) and position a cloth beyond the stain, in order to collect up the dirt that has been "blown" away by the steam pressure.
N.B. If there are remains of dirt or humidity, you can attach the 120° accessory **(E)**, the most suitable accessory for your needs (steam lance F, small suction nozzle **(E2)**. Then activate suction by means of the button **(A4)** to finish work on the surface treated. Keeping the button pressed **(A4),** select the desired suction power (see paragraph 4.1).

B3) UPHOLSTERY/WALL COVERINGS/CAR INTERIORS

N.B. Before treating leather or delicate fabrics with steam, consult the manufacturer's instructions and always carry out a test on a hidden part or on a sample of the material. Allow the steamed part to dry to make sure that no changes in colour or deformations have occurred.

ACCESSORIES TO BE USED: Upholstery suction nozzle (**G**) or mini turbo-brush (**N**), suction lance (**F**), steam+suction nozzle (**D**) with insert as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Upholstery suction nozzle or mini turbo-brush	G or N		Suction*
Suction lance	F		Suction
Steam+suction nozzle + bristle insert + terry cloth	D+D3+O1		Steam delivery**

* The mini turbo-brush is especially suitable for cleaning armchairs and sofas, the inside of cars, fabric-lined walls, etc.
It removes dust, dandruff, fabric residues with ease. Useful for the prevention of allergies, since it removes animal hairs by means of the mechanical action of the roller brushes.
The mini turbo-brush is also provided with a frame with hard rubber bristles to remove the more stubborn dirt.
To remove the frame, press on the two pins at the side of the brush and separate the frame from the brush (Fig. E) (do not use the frame on delicate surfaces).
To clean the mini turbo-brush, turn the locknut and remove the upper part of the mini turbo-brush as shown in fig G. Clean the internal part of the brush and close it by repeating the steps for removal but in the opposite order.

After fitting the bristled insert, the steam + suction nozzle must be covered with the terry cloth supplied **(O1).

UPHOLSTERY/WALL COVERINGS/CAR INTERIORS
VACUUM FUNCTION To vacuum up dust, human hair and animal hair.
Press the suction button **(A4)** to begin vacuuming. To vacuum up dust, adjust suction to level 2 (see paragraph 4.1). To stop suction, just press the button **(A4)**.
STEAM-VACUUM FUNCTION Clean fabrics, eliminate mites and unpleasant odours
Before steaming surfaces, we recommend vacuuming up any hair or dust, using the vacuum only function.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. For best use, we recommend delivering steam at minimum whilst vacuuming at the same time, in order to try the fabric immediately.
Once finished, we recommend airing the room to allow for perfect drying.

B4) BEDS/MATTRESSES

ACCESSORIES TO BE USED: Upholstery suction nozzle (**G**) or mini turbo-brush (**N**), steam+suction nozzle (**D**) with insert as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Upholstery suction nozzle or mini turbo-brush	G or N		Suction*
Steam+suction nozzle + bristle insert + terry cloth	D + D3 + O1		Steam delivery**

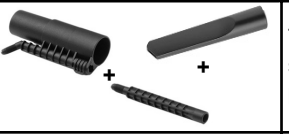
* The mini turbo brush is particularly recommended for cleaning sofas and armchairs, car upholstery, fabric-covered walls, etc.
It easily removes dust, dandruff and textile residues. It is useful for preventing allergies, as the mechanical action of the roller with bristles vacuums up animal hair.
The mini turbo brush also has a hard rubber bristle attachment, useful on more difficult dirt. To remove the bristle attachment, press the two pivots found on the side of the brush and then remove it (fig.F)
(don't use the bristle attachment on delicate surfaces)
To clean the mini turbo brush, turn the nut and remove the upper part of the mini turbo brush, as shown in (fig.G). Clean the inside of the brush and refit it by following these steps in reverse.

** After fitting the bristled insert **(D3)**, the steam + suction nozzle **(D)** must be covered with the terry cloth supplied **(O1)**.

BEDS/MATTRESSES
VACUUM FUNCTION To vacuum up dust, human hair and animal hair.
Press the suction button **(A4)** to begin vacuuming. To vacuum up dust, adjust suction to level 2 (see paragraph 4.1) . To stop suction, just press the button **(A4)**.
STEAM-VACUUM FUNCTION Clean fabrics, eliminate mites and unpleasant odours
Before steaming surfaces, we recommend vacuuming up any hair or dust, using the vacuum only function.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).
N.B. For best use, we recommend delivering steam at minimum whilst vacuuming at the same time, in order to try the fabric immediately.
Once finished, we recommend airing the room to allow for perfect drying.

B5) INCROSTAZIONI DI CALCARE / FUGHE PIASTRELLE

ACCESSORIES TO BE USED: 120º accessory (**E**) with accessory as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
120º accessory + small suction nozzle + coloured brushes	E + E2 + E3		To remove dirt with the steam, wiping the surface and vacuuming.
120º accessory + steam lance + suction lance	E + E1 + F		To remove dirt with the steam in less accessible points, then vacuuming.

N.B. For both functions, you can combine the accessories differently according to your needs:

- **E + E2 + E3** The steam function is enhanced by the mechanical action of the brush **(E3)**. You can then switch on suction thanks to the use of the suction nozzle **(E2)**.
- **E + E1 + F** The steam lance **(E1)** is ideal for reaching even the most hidden corners. You can then switch on suction thanks to the use of the suction nozzle **(F)**.

STEAM - VACUUM FUNCTION To remove deposited scale, remove dirt in tile grouting
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned. To stop the steam flow, simply release the button **(A5)**. Then activate suction by means of the button **(A4)** to dry the surface treated. Keeping the button pressed **(A4)**, select the desired suction power (see paragraph 4.1).

B6) DOUBLE CURTAINS

ACCESSORIES TO BE USED: steam + suction nozzle (**D**) with insert as per the following table:

ACCESSORIES	REFERENCE LETTER	PICTURE	FUNCTION
Steam nozzle+ bristle insert + terry cloth	D + D3 + O1		Steam delivery

N.B. After having assembled the bristle insert, the steam + suction nozzle must be covered with the terry cloth supplied (**O1**).

STEAM-VACUUM FUNCTION
Mites and dust can be removed. The steam binds to any odours permeating fabrics and removes them, with no need for washing.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**.
N.B. If necessary, activate suction by means of the switch **(A4)** to dry the surface treated.

B7) PLANTS AND HUMIDIFICATION OF THE ROOMS

ACCESSORIES TO BE USED: we recommend using the flexible hose (**A**).

STEAM FUNCTION
Dust can be removed from the leaves and flowers of house plants, refreshing them. Plants breathe better and will be cleaner and brighter.Steam can also be used to refresh rooms. Steam use is also recommended in areas where people smoke.
Switch on the boiler and set the steam pressure according to how dirty the surface to be treated is, following the instructions in the relative paragraph (4.2). Press the button **(A5)** on the handle to dispense steam over the surface to be cleaned.To stop the steam flow, simply release the button **(A5)**.
N.B. To take care of your plants, we recommend spraying them from a minimum distance of 50 cm.

OTHER SUGGESTIONS FOR THE USE OF ACCESSORIES

T) BIOECOLOGICO

Bioecologico is an anti-foaming and deodorising product based on natural substances which prevents foaming inside the water filter thus ensuring a correct working of the appliance. Diluted inside the dirt collection tank, Bioecologico also acts as an effective deodoriser while the appliance is running, and thanks to its composition which contains Tea Tree and other natural substances, it prevents bad smells inside the dirt collection tank and releases a fresh clean fragrance in the environment.

Use:

- shake the bottle before use and remove the lid;
- hold the bottle upright and squeeze 5 ml into the dispenser. Stop squeezing and pour the contents of the dispenser into the dirt container of the appliance;
- add water according to the instructions of the appliance.
- use the recommended quantity of Bioecologico at any refill of the dirt collection tank.
- recommended quantity: 5 ml

Note: a possible change in colour of the liquid does not alter the functional character and the efficiency of the product.

Do not swallow. Keep out of the reach of children.

CONTAINS: Eugenol, Citral, Cinnamal*
Contents: 100 ml
Bioecologico is available in pine or citrus scents.
Bioecologico is available to purchase from your local Polti retailer.

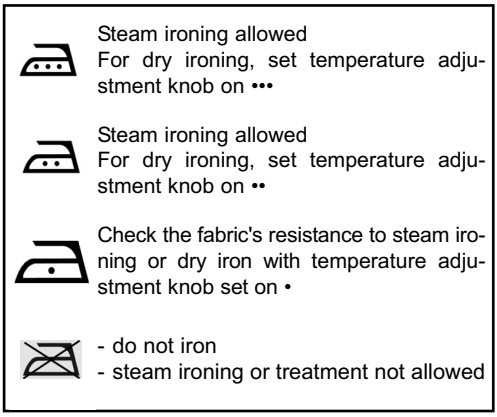
*May cause allergic reaction (in direct contact with the skin).

S) PROFESSIONAL IRON

Vaporetto Lecoaspira Turbo & Allergy can quickly become an extremely efficient ironing system, allowing you to iron more quickly and with less effort. Simply connect the iron accessory to the product for Vaporetto Lecoaspira (Mod. PFEU0021). The iron can be purchased from Polti service centres and the best electrical appliance stores.

- Plug the monoblock plug **(A6)** of the iron **(S)** into the built-in socket **(10),** switch on the appliance by pressing the main switch **(1)**, and then proceed as indicated in paragraph 4.2.

Before ironing an item of clothing, always check the symbols on its label, for the instructions provided by the manufacturer.
Check, based on the following table, the most appropriate type of ironing:


Steam ironing allowed
For dry ironing, set temperature adjustment knob on •••
Steam ironing allowed
For dry ironing, set temperature adjustment knob on ••
Check the fabric's resistance to steam ironing or dry iron with temperature adjustment knob set on •
- do not iron
- steam ironing or treatment not allowed

STEAM IRONING
- For steam ironing, adjust the temperature of the iron by positioning the temperature adjustment knob (**S4**) to COTTON-LINEN.
- Wait a few minutes for the iron heating indicator light (**S3**) to go off, indicating that the iron has reached the established temperature.
- Press the steam request button (**S2**) to allow steam to escape.
  Releasing the button, the flow stops. When first operating the iron, some drops of water may leak from the plate mixed with the steam due to imperfect thermal stabilization. We therefore recommend that the first jet of steam be directed onto a rag.
- To have a continuous jet of steam move the button forward (**S1**). The steam will continue to come out even when the button is released (**S2**). To stop the steam, move the continuous jet insert button backward (**S1**).

DRY IRONING
- For dry ironing, before switching on the boiler, adjust the temperature of the iron by turning the knob **(S4)** to the temperature required according to the fabric, indicated on the knob itself.

I) TELESCOPIC TUBE

You may adjust the length of the telescopic tube from a minimum of about 60 cm to a maximum of 1 m. Press button (**IA**) and extend or reduce length as desired.

STEAM DISINFECTOR (mod. PAEU0189)

The Steam Disinfector is the sanitiser for household surfaces that can connect up to your Vaporetto Lecoaspira to deliver steam at high temperatures (up to 180°C) together with the sanitising solution HPMed. The system allows for the elimination of the bacterial, fungous and viral load on the surfaces and fabrics to which it is applied in just a few seconds. This helps prevent the risk of possible infections. When surfaces and fabrics are sanitised using the Steam Disinfector, the risk of contagion deriving from surface contamination is drastically reduced.
The Steam Disinfector is a Polti exclusive and is only available from the best electrical appliance stores.

AFTER USE

1) OPERATIONS TO BE CARRIED OUT AFTER USE

Switch off the appliance by pressing the main switch **(1)** (Fig. 7) and disconnect the plug from the electricity socket.
Disconnect the monoblock plug **(A6)** from the appliance by pressing the button **(A7)** and by pulling the plug to remove it from the appliance.

2) EMPTYING AND CLEANING THE DIRT CONTAINER

After having turned the appliance off and disconnecting it from the electricity, empty the water container (**20**). One of the great advantages of Lecoaspira is in fact the possibility of cleaning it, thereby avoiding all risk of the spread of micro-organisms.
Lift the water container (**20**) removing it with the container handle (**22**)(Fig. 3).
Turn the handle as per (fig. 4) eand remove the " Eco-Active" water filter assembly (**23**).
Empty the container by tilting it towards the spout (Fig.10).
Pull the elbow tube (**27**) from the filter body with the micro pore net (**26**) until it slides off (Fig. 11a).
Separate all the components and rinse them under running water. (If the filter sponge has tears, replace it. To purchase one, contact an authorized Polti Service centre).
After drying the various components of the "Eco-Active " water filter, reinsert the water filter assembly, in the water container (**20**).

ATTENTION: align the arrow located on the elbow pipe (**27**) with the reference notch located on the filter body (**26**) (Fig. 11b - 11c).
Replace the water container (**20**) as described in the chapter “preparing for use”.

A recommendation for cleaning the container and the extension tubes, if particularly dirty:
once cleaning is complete, empty the container as described and place it back in its housing on the body of the appliance. Connect the appliance to the mains.
Then vacuum up approximately 1.5 litres of clean water using the suction function for a few seconds.
The water vortex created inside the container will rinse the sides and remove any dirt. The clean water will also clean the inside of the tubes as it travels through them.
Empty the container again and put Vaporetto Lecoaspira away.

3) CABLE STORAGE

Before putting Vaporetto Lecoaspira away, store the power cable (**13**) in the specific space (**15**) proceeding as described below::
• Remove the water container (**20**) as described in the chapter “preparing for use”.
• manually wind the cable evenly and replace it in the specific space (**15**), making it go into the cable storage (**14**) (Fig. 8);
• replace the water container (**20**) in its storage making sure to position it correctly.

4) WASHABLE HEPA FILTER

ATTENTION: the HEPA filter (**17**) included with Lecoaspira is washable. To clean the filters, proceed as follows:
• Unhook the water container handle (**22**) and remove the container (**20**) as described in the chapter “PREPARING FOR USE”.
• Lift the HEPA filter release lever and remove the filter (**18**) from its housing (fig.12).
• Rinse the filter under cold running water.
  After washing it, shake it gently to eliminate any reside of dirt and excess water.
  NOTE: allow the filter to dry naturally, away from direct sources of light and heat. It is advisable to wait 24 hours before replacing the filter in the appliance.
• Replace the filter with a new one if it is torn.
• The filter should be cleaned every 4 months.
• To correctly position the HEPA filter (**17**) make sure that it is lodged in its housings (**19**) and is then blocked by the lever (**18**) (Fig.14).

ATTENTION:
• Do not clean the filter with the brush as it can be damaged, thereby reducing its filtering capacity.
• Do not use detergents, do not rub the filter, and do not wash it in a dishwasher.

GENERAL MAINTENANCE

Before any kind of maintenance, make sure that the power cable is not plugged in to the mains.
After using the brushes, we recommend letting the bristles cool down in their natural position, in order to avoid any deformation.
Regularly check the status of the seals located in the monoblock socket (**A6**). If necessary, replace with the appropriate spare part (**P**).
Perform the same check on the connection seals of the extension tubes (**B** and **B1**) and the handle (**A2**).
To clean the outside, simply use a moist cloth. Do not use solvents or detergents as these could damage the plastic surfaces.
To clean the "Eco-Active" water filter cage and to clean or replace the sponge filter, proceed as described in the paragraph "EMPTYING AND CLEANING THE DIRT CONTAINER."

RECOMMENDATIONS FOR CLEANING DELICATE SURFACES

Before steam treating leather, special fabrics and wood surfaces, consult the manufacturer's instructions and always carry out a test on a hidden part or on a sample of the material. Allow the steamed part to dry to make sure that no changes in colour or deformations have occurred.
Please pay careful attention when cleaning wooden surfaces (furniture, doors, etc.). and treated terracotta flooring as prolonged use of steam may damage the wax, polish or colour of the surfaces to be cleaned.
We therefore recommend only steaming these surfaces for short periods of time, or cleaning using a previously steamed cloth.
On particularly delicate surfaces (i.e. synthetic materials, lacquered surfaces, etc.) we recommend using minimum steam.
To clean glass surfaces in particularly cold seasons, preheat the windows starting from a distance of about 50 cm from the surface. To take care of your plants, we recommend spraying them from a minimum distance of 50 cm.

PROBLEM	CAUSE	SOLUTION
The vacuum does not start	No power	Check the cable, plug and socket
The boiler filling pump can be heard working continuously	Air in the boiler circuit.	Switch off the equipment, let it cool down and repeat the procedures of chapters 3 and 4.
The suction power drops	The upholstery nozzle, the flexible tube or the stiff suction tube are clogged. The HEPA filter is exhausted	Clen the filter and remove any obstruction from the tubes and accessories. Follow the instructions in the paragraph headed “WASHABLE HEPA FILTER”.
Water is spilled while sucking up liquids.	Float device clogged	Clean the “EcoActive Filter” water filter assembly.
The vacuum cleaner switches off during suction and the four indicator lights flash.	The liquid level in the container is too high The selected power is too high for the type of surface	Before resuming your cleaning operations, proceed as illustrated in the section “Emptying and cleaning the dirt container” Push the switch (1), disconnect the supply cable from the mains and keep the appliance disconnected at least 30 seconds to allow the safety device to reset